Canon AIE-1



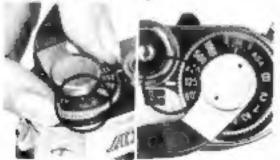


PICTORIAL OUTLINE FOR USING THE CAMERA

1 Set the aperture ring of the lens to the "A" mark.



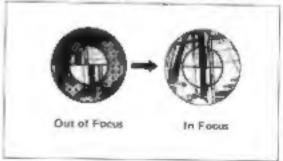
4 Set the ASA film speed. Select a shutter speed.



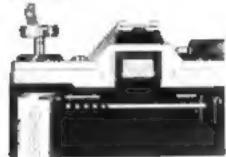
2 Load the battery.



5 Look into the viewfinder. Compose the picture and focus.



3 Load the film.



6 Advance film; Check exposure.
Press the shutter button.



Photography with the Cenon Speedlite 155A

- Load the batteries.
- 2. Set the ASA film speed.
- 3. Mount the Speedlite 155A on the AE-1
- 4. Turn the main switch on.
- 5. Set the AUTO/MANU, switch,
- 6. Focus and press the shutter button.



Photography with the Canon Power Winder A

- 1. Remove the Battery Pack A.
- 2. Load the batteries into the Battery Pack A.
- Attach the Battery Pack A to the Power Winder A.
- 4. Take off the winder coupler cover.
- 5. Attach the Power Winder A to the AE-1.
- 8 Turn the main switch on.
- 7. Focus and press the shutter button.







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SPECIFICATIONS

Type: 35mm SLR (Single-Lens-Reflex) camera with electronically controlled AE (Automatic Exposure) and focal plane shutter.

Picture Sizu: 24 x 36mm

Interchangeable Lenses: Canon FD series with full operture metering and AE coupling.

Canon FL series with stopped-down metering.

Standard Lenses: Cenon FD 55mm #/1,2 S.S.C. Cenon FD 50mm #/1.4 S.S.C. Cenon FD 50mm #/1.8 S.C.

Lens Mount: Canon Breech-Lock mount.

Canon FD, FL and R lenses can be used.

Viewfinder: Fixed eye-level pentaprism.

Field of View: 93.5% vertical and 95% horizontal coverage of the actual picture area.

Magnification: 1:0.86 at infinity with a standard 50mm lens.

Viewfinder Information: Split-image/microprism rangefinder, aperture scale with meter needle and stopped-down metering index mark which also serves as battery charge level check mark. Besides, there are two red zones at the top of the aperture scale to warn of overexposure.

Below the aperture scale, a red warning LED lamp blinks to indicate underexposure. This lamp also indicates that the selected shutter speed is outside the AE coupling range with respect to the ASA of the film being used.

Above the aperture scale, a manual aperture control "M" signal (red LED) blinks as a warning that the aperture ring is not set at the "A" mark for AE photography.

Viewfinder Attachments: Angle Finder A2 and B. Magnifier S. Dioptric Adjustment Lenses (10 kinds), and Eyecup 4S.

Mirror: Instant-return, large reflector mirror with shock absorbing mechanism.

AE Mechanism: Shutter priority, electronically controlled AE metering system incorporating two ICs and one LSI equipped with I² L (Integrated Injection Logic)

Light Metering System: TTL (Through-The-Lens) Central Emphasis Metering method employing a Silicon Photocell as photosensitive element.

Exposure Meter Coupling Range: With ASA 100 film, EV1 (f/1.4 at one second) to EV18 (f/16 at 1/1000 second).

Film Speed Range: ASA 25 to ASA 3200.

Exposure Correction: By pressing the backlight control switch, exposure is corrected by the automatic opening of the disphragm 1.5 stops more on the aperture scale than the actual setting.

Exposure Preview: The meter needle will indicate in the viewfinder when the shutter release button is depressed half-way or the exposure preview switch is depressed.

Shatter: Cloth focal plane shutter with four spindles. Shock and noise damping mechanisms are incorporated. All shutter speeds are electronically controlled.

Shutter Speads: 1/1000, 1/500, 1/250, 1/125, 1/60, 1/30, 1/15, 1/8, 1/4, 1/2, 1, 2 (seconds) and B. X synchronization is at 1/60 seconds.

Shutter Speed Dial: The shutter speed dial is on the same axis as the film advance lever. The number 2 for two seconds is marked in orange; other numbers as well as X synchronization are in white.

There is a shutter dial guard to prevent unintentional movement of the dial. The ASA dial is located underneath the shutter speed dial.

Shutter Release Button: It is a large, button type magnetic release switch. Depressing the shutter release button halfway switches on the light metering circuit, while full depression releases the shutter. The shutter release button has a locking device, besides a socket for the cable release in the center.

Setf-Timer: Electronically controlled selftimer. After the self-timer lever is pushed forward, the self-timer is activated by the shutter release button. The self-timer releases the shutter after a time lag of 10 seconds. A self-timer lamp (red LED) blinks on and off to indicate when the self-timer is in operation.

Stopping-Down the Lens: Stopping-down the lens can be performed by pushing the stopped-down lever after serting the aperture ring.

Power Source: One 6V silver oxide battery Eveready No.544, UCAR No.544, JIS 4G13, or Mallory PX28) or alkaline manganese battery (Eveready No.537, UCAR No.537, or Mallory 7K34). The battery lasts approximately one year under normal use.

Battery Check: Battery power level can be checked by the meter needle in the viewfinder when the battery check button is pressed.

Flash Synchronization: X synchronization is at 1/60 second.

M synchronization is at 1/30 second and below.

Flash Terminal: The accessory shoe has a direct flash contact and automatic flash control contacts. On the front of the camera body is the flash terminal, JIS-B type for flash units with a cord, it has a built-in protective rim to prevent electrical shock.

Automatic Flash: With the exclusive Canon Speedlite 155A, the shutter speed and aperture are automatically set. The amount of light is automatically controlled for correct flash exposure.

Back Cover: The camera's back cover has a memo holder for your convenience. The cover can be removed for attaching the Canon Data Back A. To open, pull the rewind crank up.

Film Loading: Easy film loading with multislot take-up spool.

Film Advance Lever: Single stroke with 120° throw and 30° stand-off. The film can be wound with several short strokes. The Canon Power Winder A also can be mounted for automatic winding of the film.

Frame Counter: Additive type. Automatically resets when the back cover is opened. While rewinding film, it counts back the frame numbers.

Film Rewinding: Performed by pressing the rewind button on the bottom and by using the rewind crank on the top. The rewind button is automatically reset when the film is advanced with the film advance lever.

Safety Devices:

- The shutter does not drain battery power when not released.
- The film cannot be wound while the shutter is in operation.

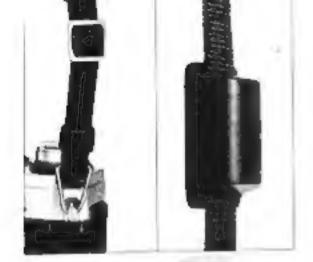
Size: 141 x B7 x 47.5mm (5-9/16" x 3-7/16" x 1-7/8") body only.

Weight: 590g (20-13/16 ozs.) body only. 790g (27-7/8 ozs.) with the 50mm 1/1,8 S.C. lens. 895g (31-9/16 ozs.) with the 50mm

1/1.4 S.S.C. lens.



Subject to change without notice.





PRELIMINARY PREPARATION

Attaching the Neckstrep

Attach the Canon AE-1's neckstrap by threading it through the rings and adjusting it to the desired length as indicated in the photos. A case for a spare battery can be attached to the neckstrap.

Handling the Lens Cap

The lens cap can be removed from the front of the lens after pressing in the tabs on both sides of the cap. The rear dust cover can be removed by turning the bayonet ring in the direction of the arrow. To attach the dust cover, align its slot with the positioning pin below the red dot of the bayonet ring, and press it in. When the dust cover is removed, the bayonet ring is locked.

For an explanation of how the lens mechanisms function, see page 52.

Mounting the Lans.

Remove the body cap and mount the lens onto the camera. The lens is mounted by aligning the red dot of the body with the red dot of the bayonet ring, and then turning the bayonet ring clockwise pressing gently until a locks into position. Reverse the procedure to dismount the lens.

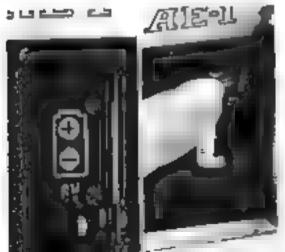
FD series lenses must not be mounted on the camera when the film is partially advanced.

2 Setting the Aperture Ring to the "A" Mark

The AE I delivers perfect AE photography when the aperture ring in set for automatic exposure. The A' mark on the aperture ring should be set to the Et oos from Hold in the EE rock pin white turning the aperture ring to the "A mark. This can be done either before or after the lens is mounted on the camera. This setting can be unlocked by pressing the EE lock pin in and lurning the aperture ring away from the A mark.







2 Loading the Battery

This camera will not function without battery power. A 6V silver oxide differy is loaded into the battery chamber after opening the battery chamber cover. I can be opened more easily by using the viewfinder cover that is inserted into the accessory shoe.

Be careful to load the bartery correctly with the "+" side up as indicated in the disease. Load the bartery by inserting 1 17 the " contact in the bartery chamber. The battery can be unnested in a similar way by putting it out from the top. The battery can be loaded and unloaded more dainly when the tens is dismounted. The battery should ast for approximately one year under normal use. Refer to page 73 about the details of the battery when the camera is used in extremely cold conditions.

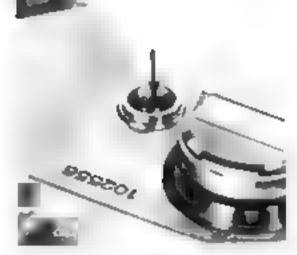
Checking the Battery Since the AE 1 is an electronically controlled camera, the shutter wall not function without sufficient buttery power

The battery requires checking in the lonowing circumstances

- When a new battery is roaded
- When the shufter does not function
- When long exposures are frequently performed
- When the camera is used very frequently
- When the camera is used after it has been stored for a long per od
- When the camera is used in extremely. cold conditions

Jackie Batteries

Sirvet	• rule	Elagraphy A. No. 44	ı
Battery	64	4- J Maix + PX 8	
Alkajne	Mangarese	Figuresdy JCAR No. 4	
Bat ery	BY	Mattery 7K 34	

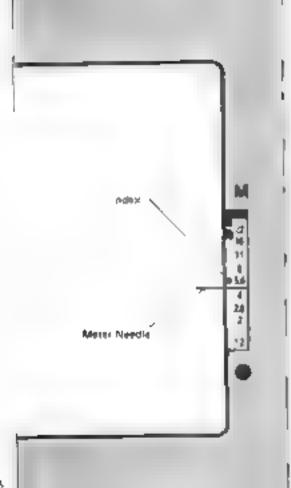


Alkatine Maconnete Battery

Sitier Oxide Bastely







How to Check the Battery

To check the charge level of the battery press the battery check button on the top of the camera while watching the mater needle in the viewfinder. If the mater needle rests below or coincides with the index opposite the 5.6 1/stop, the power level is sufficient. If the needle rests above the index replace the battery with a new one of the prescribed type. When a new battery with full voltage if used, the needle will swing below the 4 f/stop. The weaker the battery, the cioner the needle comes to the index.

 If the meter needle fails to stabilize within about thise seconds, the battery is near exhaustion and should be replaced.

C Loading the Film

The Canon AE 1 uses color or black and white film in standard 35mm cal tridges.

Opening the Back Cover

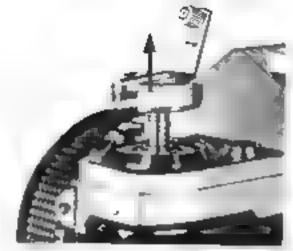
To load a cartridge of film into the camera, first open the camera's back cover. Pull up the rewind crank and the back cover will pop open. The back cover can be securely closed aimply by pressing 1 until 7 locks.

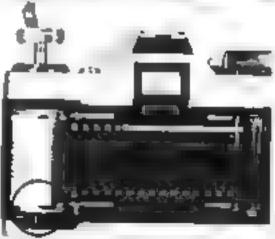
The Canon Data Back A, an accessory for amprinting data such as the day month and year can be attached to the AE in place of the back cover. (See page 63.)

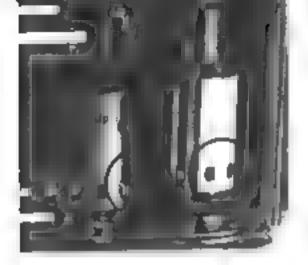
How to Load the Film

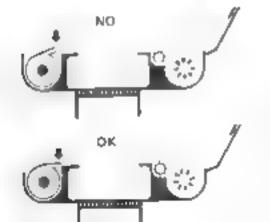
Avoid direct sunlight when loading or unloading the film

Put the carridge into the film carridge chimber and press down while rotating the rewind knob until it drops securely into position. The protruding part of the cartridge should be on the bottom. Pull the film leader across and insert the end into one slot of the multi-slot take-up spool. Turn the film advance learn and wind the film around the take-









up spool making sure that the perforations of the film are engaged in the teeth of the film transport sprocket

Then make our har there is it in the stack to case there is girlly took the firm the all case it in the direction of the arrow to it are proper time to all one and the firm of the recent the stack of the leader is well in the recent the stack of the leader is well in the recent the stack of the stack of the recent the stack of t

When coding the 1 m into the cameral do not touch the churses curtain the film rads or the pressure plate.

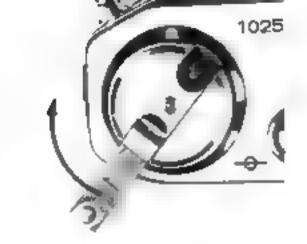
Closing the Back Cover

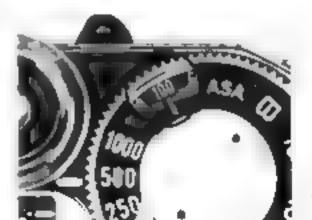
Close the hack nower or if a high about you inhert on every mark includes the time standard the distribution has a more or one times areas in the appearance of the consideration of the exposure appearance in a table consider.

Checking Film Winding

Operate the firm advance lever white watching the firm rewind knob. If it rotates, the litm is properly loaded if the rewind knob does not rotate open the back cover and load the film again from the start.

Setting the ASA Film Speed After landing the film, set the ASA film speed according to the ASA speed of the felm in use. To set the ASA first jush the film advance lever out to its 30, stand off position. away from the camera body, then lift up the ASA ring around the shutter that and rotate it in either duest on until the proper number is slighed with the green index mark ASA is a numerical rating of \$1 m s sensitivity to hight A higher ASA number indicates a faster frim which a more sensitive to light. On the other hand, a tower ASA number indicates a slower film which is less sensitive to light. The ASA rating recommended by the manufacturer is printed on the firm box e.g. ASA 00.







The following ASA ratings can be set on the camera. Figures in parentheses indicate intermediate film speeds.

Use of the Memo Holder

The memo holder on the opmere's back cover is useful for keeping data, he firm spend ocation shooting, for example after that no off the part of the film box which specifies the type of the film being used it can be inserted into the memo holder as a constant reminder.

Film Advance and Shutter Release

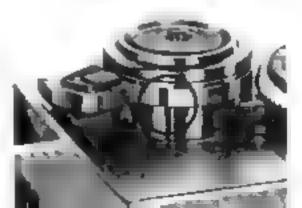
Turn the film advance lever until it stops, so the film will advance one frame all in one motion. The shutter will cook and the disphragm and mirror will be ready for the next shutter release, while the frame counter advances simul aneously to the next number. By pushing the film advance lever lightly with the tip of your thumb at will open to its 30° stand-off position invay from the camera cody for easy form advance.

White the film is edvaricing, the shutter will not be released. Film winding can also be accomplished by advancing the level in short strokes.

Canon has developed the Power Winder A to be used with the AE 1 for automatic film winding. It greatly increases the automation and mobility of the AE 1. (See page 61.)



Shutter Button Lock



Shutter Button and Shutter Lock

The shurter release burson is designed to function as the main switch of the camera to activate the AE meter and shurter operation. The shurter has a magnetic release so the meter can be read by pressure the shurter burson halfway with high pressure. By depressing a further the shufter will be released. The magnetic release shufter burson enables fas er meter of for shooting in succession than the mechanical release method does. There is also less chance for came a shake

When the shi her lock lever around the



shutter release button is turned to the position the shutter button will be locked to prevent unintentional shutter release. Keep the shutter release button locked while carrying the camera to prevent tilm waste.

When the power level of the bettery is resufficient a safety mechanism will keep the shutter from being released.

Frame Counter

The frame counter it an additive type which counts one fame every me the firm advance level winds the fam. When the camera's back cove is opened, the frame country automatically report tool to the Siposition.

White ewinding from the finne country counts back the finne numbers. The starting position S. D. and the even numbers 2 to 38 are displayed by the counter Numbers 20 and 36 are marked in orange to call your attention to the end of him cartridges such as are today commercially evaluable. The flame counter cannot count higher than 38.

Operation for General Photography

The A6 a Actions in Expenses of any principle with a steel of one principly years which interpretationally or also the appear are to be appear which in an element of the appear which in an element of the appear which is a section to a section to a section of the idea that a selection of a appear a section of the idea that a selection of the idea that a selection

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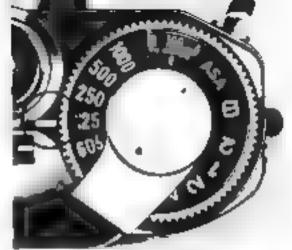
1 Setting the Shutter Speed

The shutter dial controls the length of time that light is allowed to reach the film. On he shutter speed draf shutter speeds from 1/1000 to "B" are marked in white, while the 2-second speed is marked in orange Each shutter speed gradation is twice or approximately twice the preceding speed, beginning with 1/1000 sec. 1000).

Thus, the light reaching the film at 1/250 second is half the right reaching it at 1-125. The numbers on the shutter speed scale represent the corresponding fraction of a second (125 - 1-125) with the exception of 1 and 2 merited in orange) which stand for 1 and 2 seconds respectively.

The 'B setting a for long exposures. At the "B" setting, the shutter remains open while the shutter button is depressed and closes when it is not depressed. See page 48 for more details concerning long exposures.

To set the shutter speed, notate the dial in either direction until the desired number clicks into place next to the while index mark. An in between setting should not be used, and the shutter speed dial cannot be



rotated between "B" and 1000"

Brightman	Seconds
Spiriture an	900 0 100
4,1-3	4 92 30
TALLER A	ne =4 ÷ 00 ≥ 001

Selecting the Shutter Speed

Shutter speed is determined in accordance with the brightness of the scene and the speed with which the main subject is moving. You can use the above table as a general guide to help you select an appropriate shutter.

Overexuxisore ______
Warning Munks

underexposure and Coupling Range Warning Large



speed when using a standard 50mm tens. For indeer photography, with no special Humshation choose 1,30 of a second and 1,50 of a second in a bright yill room.

For guidoor photography select 1 125 second when cloudy end 1 250 second in sunshine. To take occurres in perticularly bright sunshine such as at a beach in mid-turnmen or in snow-covered mountains, use shutter speeds of 1/500 sec. or 1 1000 sec.

The above mentioned thutter speeds apply when using a standard 50mm lens, but it is necessary to choose faster shulter speeds when using lenses of longer focal lengths because they are more difficult to hold steady. It is generally said that the shutter speed figure should be greater than 1 divided by the focal length of the lens in order to obtain sharp images.

For example, when using a 200mm telephoto lens, shutter speed should be faster than 1/200 second therefore the shutter speed in this particular case should be set at 1/250 sec. Image blur can also arise if the camera is not properly held. See page 31

2 Reading the Exposure

This camera repropriets a magnetic release system using an electromagnetic switch to effectively perform instantaneous light metering. The shuffer release button activates

light metaling and exposure in succession and practically simultaneously

This is a two-step shutter button. The exposure can be confirmed by the meter needle inside the viewlinder by pressing the

shutter button halfway.

When the meter needle inside the viewfinder stays within the proper large and the underexposure warning LED lamp below the aperture scale inside the viewfinder does not blink the exposure is correct. See page 39 about the underexposure warning lamp.

When the underexposure warning lamp inside the viewfinder blanks, or when the matter needle moses into the upper over-traposure warning zone in red, the exposure is incorrect. When this is the case turn the

shufter speed dial until the meter needle inside the viewfinder moves into the proper exposure range. To confirm this, rurn the shufter speed dial white looking into the viewfinder and pressing the exposure preview switch at he same time. It is convenient to turn the shufter speed that with your forefinger in order to swiftly cope with the speed of fast moving subjects. When using shufter speeds slower than 1.30 second the camera should be placed on a tilpod to avoid the potsibility of camera shake.

Q Viewing and Focusing

Focusing is performed in the small round area in the center of the viewfinder. The imalier central circle is a split image focusing treen and around it is the microprism ring. The split mage langefinder ascertains that the image is in locus" when the mage divided hor zontally in half matches and biscomes one complete image.

The microprism rangelinder presents a clear and steady image when in focus. The microprism conveys a broken, shimmering



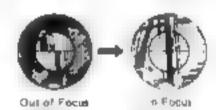
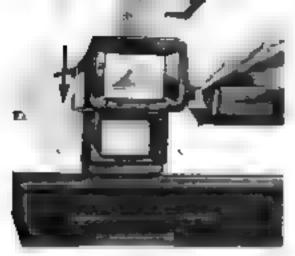


image when not accurately in locus. It is also possible to locus with the matter screen outside the smaller cent at area. You can locus with either of these focusing aids as you like depending on the subject condition and your preference.



Accessores such as an eyecup, dioptric adjustment tenses angle finders and magniture can be ettached to the viewlinder eyepiess.

Dioptric Adjustment Lenses

Oxoptric adjustment lenses can be attached by inserting them from above into the grooves in the viewfinder everyed to compensate for the individual evesight With them near-sighted or far-sighted persons can perform photography without glasses.

The built in evenieur lens of the AF 1 has 1 diopter. The lollowing 10 kinds of diopter adjustment lenses are optional accessories: <3, +2 +1 5, +1 +0.5, 0, -0.5 -2 ~3 and 4 diopters).

One way of selecting the correct dioptric adjustment lens for you is to select the one that is the closest to your plastes in regard to number of diopters. But, we propose that when you select the most appropriate dioptric adjustment lens, you ectually look into the weatherder through it after placing it over the eventually contact.

Because the camera itself has 1 diopter the diopters of the lernes are recorded as the real power when attached to the camera, thus reflecting the power of the camera's viewfinder.

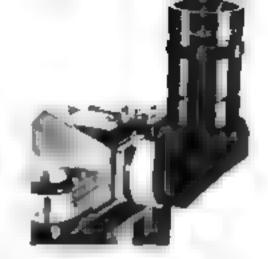
Angle Finder A2 and B

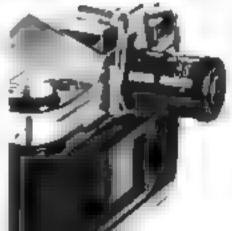
The angle finder is a magnifying glass which can be attached from above into the groover of the viewfinder eyepiece. It rotates 90 degrees to that the image on the viewfinder can be viewed directly from the side or above whenever it is inconvenient or impossible to look directly through the syspiece. This is very helpful in copying, close-ups, macrophotography and photomicrography. There are two types, the A2 whose image is reversed as in a mirror and the more advanced Angle Finder B with the normal camera image.

Magnifier S

The Canon Magnifier Sigives 2.5% magnification of the viewfinder center for precision focusing in close-up work. The power can be adjusted to your eyesight within the range of +4 to -4 diopters.

The Magnifier S combined with its adapter can be inserted into the grooves of the viewfinder eyepiece. The adapter of the Magnifier S is hinged to allow the magnifier to swing upward from the eyepiece leaving the whole screen image visible after focusing.





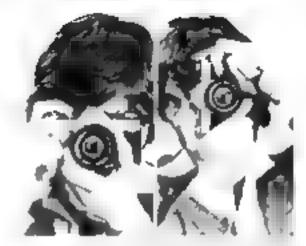


Holding the Camera

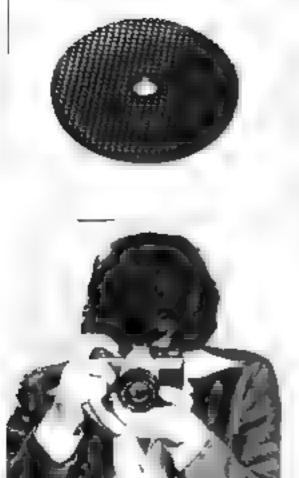
Unit ke the mechanical release system the magnetic release system of the Canon A& I electronically controls the shutter. The shutter button moves with a very light rouch and its travel is very short. The shutter will be released by lightly depressing the shutter button so as to prevent camera shake. But, unsteady holding of the camera with cause camera shake in spite of the magnetic reveals system.

Therefore be sure to hold the camera firmly. Rest the camera on your left paim and greep the lower part of the lens focusing and between your thumb and forefriger or middle finger. Hold the light end of the camera firmly wish your right thumb behind the lip of the film advance lever and your right forefriger on the shulter button, while the other fingers hold the camera's finger grip.

To reduce camera shake press your left elbow strongly against your body and look nto the viewfinder steadying the camera against the forehead. The right arm should be relaxed while holding the camera.



When you are comparatively dow shutter speeds or when you use telephoto renses, it is advisable to lean against a well a tree trunk or some hand object for a steadler grip. The shove describes the fundamentals of how to hold the camera. You may find yourself the most appropriate grip for you and get accustomed to it through constant practice.



Adapter A for Tripod

When using a great diameter lens, depending on the tripod being used it may be difficult to hold the adjustment in the case of accidental bumping of the tens. In such cases the cubber Adapter A for Tripod may be placed between the tripod head and the camera.

Composition

Since the AE I has automatic exposure control with shufter priority, you can contentrate on the actual picture you are going to take without wor ying about exposure differences that may occur with changing subjects. Viewing is performed through the ions, and there is no difference between the viewlinder image and the image exposed on the film, at opposed to the image provided by a separate viewlinder which is affected by the parallex between the viewfinder and the carriers iens.

Releasing the Shutter

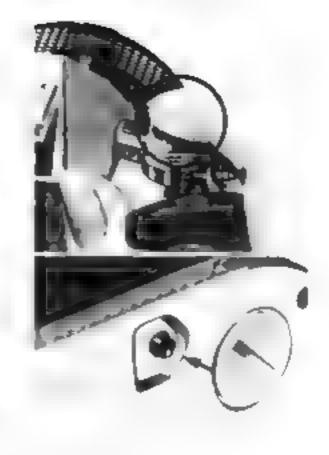
The Canon AE 1 s shutter button uses a magnetic release system. The shutter button travel is very short and activated by a very genile touch. When you press the shutter button, try to squeeze the shutter button gently with your finger. Avoid hitting or pressing the shutter button suddenly par incularly when using slow shutter speeds, otherwise blur may result.

At the moment of theoring, you should hold your breath white the shulter button is being pressed.

Rewinding the Film

When the him advance lever cannot week all the way to the end of its stroke the frame counter tells you that you have reached the end of the firm. You have to rewind the film in its protective cartridge, before you can ignove it from the camera.

You must not open the camera before rewinding the film. Since it is not protected, any exposure to light with "flog, thu film and cause a drastic color shift and loss of image."



To rewind the film, press in the small rewind button on the bottom of the camera, unfold the rewind crank and turn it in the direction of the arrow on top of the rewind crank. When the filme counter has reached the Silmark, you should stop terwinding. Then pull up the rewind knot to open the

Double-Check Before Shooting

If you hurry to release the shutter you may make an unexpected error due to carelessness.

The following points should be double checked:

1 is the aparture ring of the lens set to the 'A' mark?

Press in the EE ock pin while turning the aperture ring to the A' mark. This specific setting is a requisite for beautiful color pictures with automatic exposure. If you fail to adjust the aperture ring to this setting when appropriate the correct automatic exposure will not be obtained. When the aperture ring of the lens is not set to the "A"

camera back and. If the cartridge out

If you stop rewinding the moment the frame counter has reached the "S mark the litim will not be completely rewound into the cart idge and he film eader may at be outside the cartridge.

mark the manual aperture control. "M" signal above the aperture scale in the viewfinder fleshes on and off as a warning that the aperture ring is not set at the "A mark (See page 40.)

2 Did you set the film speed property? It is necessary to set the film speed property according to the film in use in order to obtain the correct exposure.

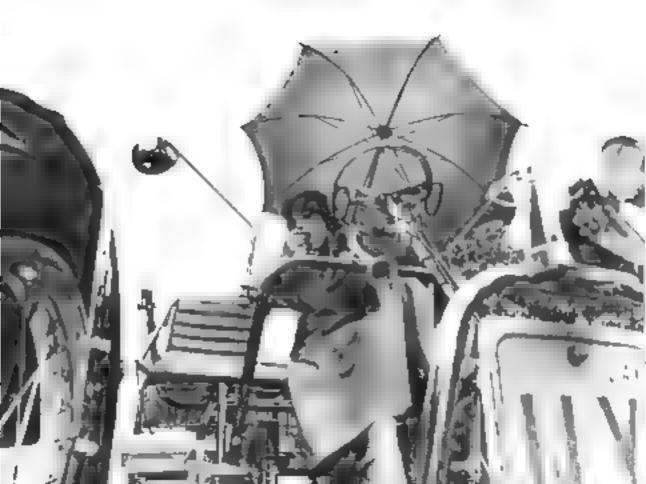
Is the film properly leeded?

You can use the rewind knob as an indicator that the perforations of the film are properly engaged on the sprocket and the film as actually advancing. Every time you advance the film, the rewind knob should turn.

Detailed Operation of the AE-1

Up a line and the incharge book readond about the incharge person in all AE obsertionable We ask with the acting in augh the Entropy of many detailed to support a AE photography to a formal indicast acting. There is for a line who are the helpful to you.

A silver phonocel is used as the photocens tive element in the camera. If you compare the silver photocel (SPC) with



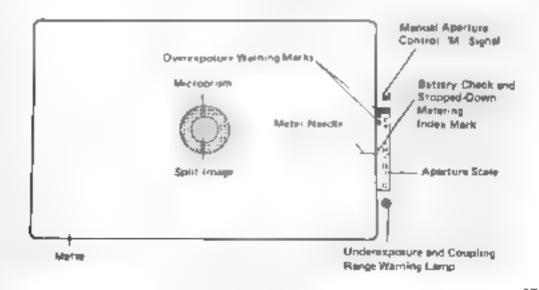
Viewfinder Information

in keeping with Canon's standard of providing at relevant information in an easily readable formatical information is displayed on the right side of the viewfinder. The diagram below indicates the information provided and where it can be seen in the viewfinder.

Meter Sensitivity Pattern

In a great variety of lighting situations, the carefully designed Cent at Emphasis Mereining tystem simplifies problems to ensure that the subject is conjectly exposed.

Metering Range



ASA Film Speed	Coupling Range
25 50	2 to: 1000sec
100	E 101/1000sec
-200	1/2 to1/1000sec
400	1/4 te1/1000sec
800	to / 1000sec
600	1- +5tol 1000sec
3200	1 30to1 1000sec

Shutter Speed and AE Coupling Range

The shutter speed and AE coupling angle are indicated in the table. If any combination outside the coupling angle is made, the coupling range warning amp will blink, as if does when warning of underexposure. Since the temp server a dual function check that the shutter speed is within the coupling range before assuming that the light level is too low.

Overexposure Warning Mark

When the aght-ng of the subject it too beight the meter needle will rise into the red tones of the aperture scale. The red area is divided into two parts. The top part is a warring for use with a lens having a minimum aperture of 1.22, while the bot omips till for use with a 1.16 minimum aperture fors.

When the meter needle enters the rad area incease the shurter speed and correct the exposure

With the FD 100mm t/4 S C Macro lens, which offers a minimum aperture of f/32 available if you want to photograph at its minimum aperture of f/32 and the meter needle points to the red area, do the follow-

ing. Acrease the shutter speed until the meter needle indicates 1/22 and then decrease the shutter speed by one gradation so that the exposite will be correct.

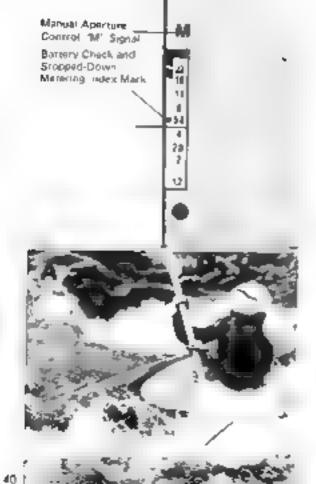
Underexposure and Coupling Range Warning LED Lamp

This amp blinks on and off as a warning of incorrect exposure. If you reduce the thutter speed distinction speed distinction speed distinction are presented to the uniferrespondere warning amp with stop blinking, the correct exposure will be ablanted.

Under dim light with a slow speed lens, there is a case when the motor needle will point at the aperture scale inside the view-floder although it will exceed the maximum aperture of the lens. In this case two the hunter speed dim to a slower setting so that the underexposure warning lamp stops blinking.

For example, when you use an 1/2 8 lens and the meter needle exceeds the aperture scale of 1/2 8 haids the viewfunder reduce the shutter speed until the lamp stops flashing. When the shutter speed size(at "B" (Bulb) and the shutter button is pressed helfway this warning amp will also flash on and off





Battery Check and Stopped-Down Metering Index Mark

This battery check index mark serves also as the stopped-down metering index mark tor use with Caron Ft lenses and other similar manual tenses, when exposure measurement is performed with a stopped-down draphragm (See page 49.)

Manual Aperture Control "M" Signer (LED)

When the aperture ring is not set at the "A" mark you cannot get the correct exposure in AE photography. When he aperture ring it set at any position other than the "A" mark the manual aperture control "M" signal will blink as a warning. Also, when Canon FL ternos. Bellows or the ke are used this warning signal flashes on and off when ax posure measurement is performed.

Concerning the Exposure (Shutter Speed and Aperture Coupling)

In order to obtain the correct exposure or is necessary to correctly match the shurter speed with the aperture. The shutter speed and the aperture are the main factors in controlling the amount of light which is plowed to strike the film and when they change the quality of the mage upon the him also changes.

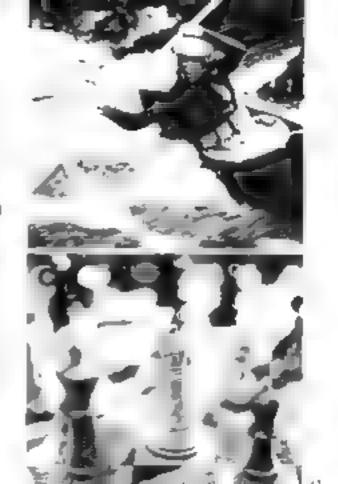
1 Effects of Changing the Shutter Speed

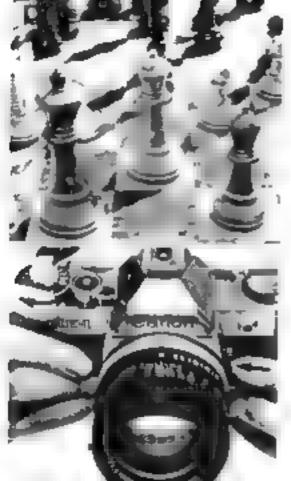
The explanations below are pertinent to photography with fast moving subjects or when I is intended to convey the leeting of movement in a photograph.

 as in example A, the photo is taken at a shutter speed of 1/250 sec, the movement will be frozen.

I as in example 8, with the same subject the photo is taken at a speed of 160 set though the subject is somewhat blurred movement is well expressed. It is only a matter of peschedics as to which of these photographs is the best

Depending on the selection of the shutter speed, you can freely control the expression of movement





2 Effects of Changing the Aperture
Because this camera is an AE camera with
shuffer speed or crity, when you change the
shuffer speed, the aperture will also change.
If you change the speed by one gradation, the

If you change the speed by one gradation, the aperture also changes the equivalent of one gradation. Aperture changes have an effect on the photographic expression as follows:

In example C the specture was set at f/f 8 with the shurter speed diel adjusted before shooting. In example D is f 18 setting wet used to clearly demonstrate the difference in C the chaspieces in the back and front are blurred and only the chaspiece in the center is in focus. In D most of the chaspieces are sharp and clear and only those in the back are blurred. Thus, the enablement controls the zone of sharpness in the subject field which is observed in the viewfinder or recorded on the film.

Aperture Priority Photography

After having given careful shought to the results of aperture adjustments, when the fistop has been determined before shooting, press the exposure preview switch while looking into the viewfinder. Then turn the

shutter speed distributed the meter needle on the right of the viewfinder reaches the Mitop desired.

Depth-of-Field

When a certain subject is brought into tocus, there is only a firmlted range in the toreground and background of the subject which can be kept clearly in focus. This zone of sharpness in the subject field is depth-of-field.

There are two methods of confirming the extent of the depth of the field, by stopping down the lens disphragm or by reading a value from the depth of field scale on the lens.

Confirming the Depth-of Field by Stopping-Down the Lens Disphragm

- Wind the film and take an exposure reading for the subject you wish to shoot
- Move the aperture ring off the "A mark and then set the aperture ring to the aperture Indicated in the viewfinder during the exposure reading for to the desired aperture!
- Prest the stopped-down sever until it tooks. Look into the viewlinder to visually check the depth of field.
- Stopping-down the FD lens should only



be done after advancing the film. If the film is not advanced, the stopping-down of the last disphragm would only be possible down to the operate of the previous exposure. Also when the aperture ring is set at the "A" mark, the stopped-down lever cannot be present in. Plaste note that stopped-down metering is impossible when the FD (one is mounted on the AE 1.

- To cancer the stopping-down of the lens, press the stopped-down lever sirelease button.
- Be sure to turn the sperture ring to the maximum aperture before resetting it to the



"A' mark.

This is because the specture value is a rored in the AE circuit as a result of stopping-down the lens and you will and up getting nearest automatic exposure for the next shot. If you fail to do that,

Generally the depth-of field will become deeper as the aperture becomes smaller and shallower as the aperture becomes larger. A shorter focal length as well as a greater subject distance will also deepen the depth of held.

Comparing an interchangeable 28mm term with a standard 50mm iens set at the same

I/stop, the 28mm lens sidepth-of-field will be greater. And when the photographic distance changes, the depth-of-field changes, too. For example, if she same subject is photographed from three and then from seven meters away the loreground and background of the subject will be deeper at the greater distance.

2 Depth-of-Field Scale on the Lens
A depth-of-field scale is englaved on the
tens based shown as a series of f-numbers on
each side of the distance index mark opposite
the distance scale. Focusing and depth-of-field
are so closely interested that the depthof-lield scale is engraved together with the
distance scale.

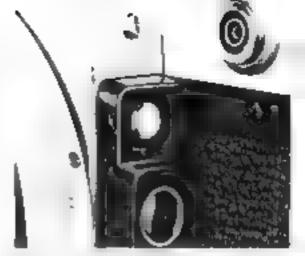
You can tel the extent of depth-of field from the distance scale. For example, if you use the camera with a standard 50mm rene that is locused on a subject at medium distance, say 3m with the aperture set at 1/8, the depth-of-field extends from 2.4m to 4.5m. This tells you that with the 50mm tens focused at 3m and the subject between 2.4m and 4.5m the film image will be reasonably sharp.

Shooting Against the Light with the Backlight Control Switch

In most cases, the Carron AE 1's Central Emphasis Metering system will give correct exposure readings in AE photography. However you will occasionally encounter situations in which normal AE photography would not provide a correct exposure reading of the main subject. For exemple, when you photograph a person standing in a room with a brightly, it window at his back, the subject will be underexposed. In order to properly expose the main subject, the back tobt control limited is provided. When it is held in as the thutter is released, the aperture is automatically opered up by one and a half fritops more than normal.

Manual Override

You may occessonally wish to override the camere's AE control to compensate for unusual lighting conditions such as in taking high-key low-key or back-it shots. This is possible by disengaging the aperture ling of the FD tens from the All mark and turning the ling to the aperture you wish to use for



desired exposure compensation. When you take an exposure reading either by pushing the shurter button halfway or by using the exposure preview switch, the meter needle in the viewlinder will show the aperture the camera would use on Auto.

To switch back to Auto, simply reset the aperture ring to the "A" mark while pressing the EE look pin

Exposure Compensation by Changing the ASA Setting

An ASA film speed twice as fast as another denotes that only half the amount of light is necessary for correct exposure as compared with the other film speed. With this in mind, you can compensate for exposure by changing the ASA him speed setting. For example, with the aperture ring set to the "A" mark, when an ASA 400 him is used, you can double the amount of light striking the film for exposure compensation by switching the ASA tilm speed setting to ASA 200.

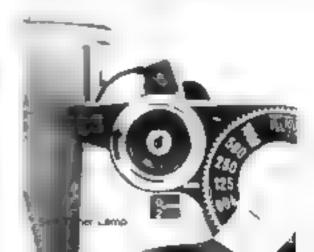
Uring the Self Timer

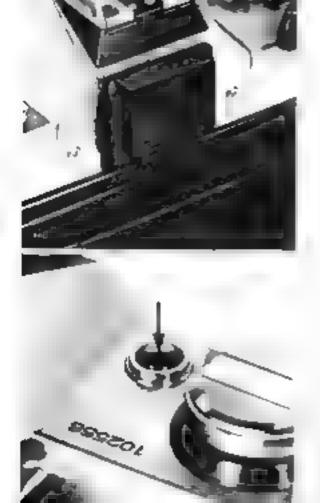
Obvious uses for the self-timer are selfportraits and the inclusion of the photographer in the picture. The self-timer though, can also be used in place of a cable release to release the shutter gently and smoothly in close range work like photomicrography or copying.

Push the electronic self-timer lever forward, then press the shutter button and the shutter will be released 10 seconds latin. The camera memorizes the exposure value the very instant the self-timer is activated by

pressing the shutter button. While the selftimes is in operation, the self-times ising flashes on and off

After you finish taking a picture, the self-timer lever should be reset to its original position. Otherwise, it will function again the next time you press the shutter button. Exposure will be automatically determined at the section the shutter button is pressed and not when the picture is actually taken. Therefore, would standing directly in front of the lens when you press the shutter button as the AE control may miscalculate exposure.



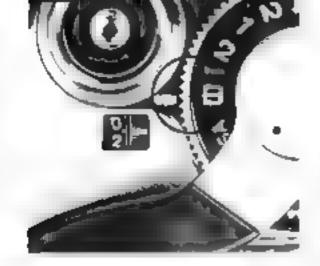


To prevent stray light from entering the viewfunder from the rear and possibly affecting the meter reading, it is a good idea to cover the eventual and the viewfunder gover which is inserted into the accessory since. This cover den be attached to the holder on the eventual repeated. After doing so, press the

Concelling the Self Timer Operation

If you should want to cance the celltimer operation after having pressed the shutter button, depress the battery check button on the top side of the camera. Then, the self-timer tamp stops blinking and the self-timer operation will be cancelled.

If the bettery check button is not depressed and the self-terior lever is returned to its original position, the shutter will be released.



Long Exposures and "B" (Bulb) Setting

When you need shutter speeds slower than two seconds such as for shooting night scenes or fireworks set the shutter speed digit at 'B'. Then the shutter will remain open as long as the shutter button is pressed, in long exposures it becomes essential to mount the camera on a tripod and use a cable release preferably with a lock to prevent camera shake and artain best results.

A cable elease with a locking device can keep the shurter open even though the operator leaves the cable release when the shurter should be closed.

Photography using the "B setting will accelerate battery consumption since it requires continuous partiely power. When necessary the battery should be replaced with a new one having a full charge.

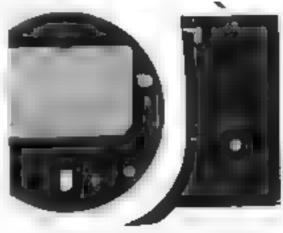
Stopped-Down Metering

When the AE I is used with Caron FD lenses, photography can be performed with through the lens (TTLs metering and with AE coupling. However with the Caron FL lenses and most accessor as such as bellows as tension tubes, or a microscope adapter. It is necessary to take a stopped-down meter reading.

Stopping down the lens can be done by pushing the stopped down level until it locks. When the lens is stopped down pries the shutter britton halfway or depress the expolare previous switch and adjust the aperture ring and/or shutter speed dult until the meter needly inside the viewfinder is aligned with the stopped-down metering index mark.

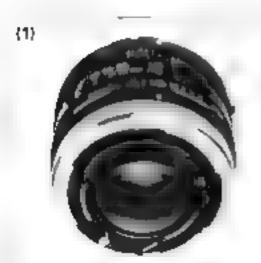
Press the shuffer button and the photograph will be perfectly exposed. If she lens should be mounted on the camera with the stopped down lever locked, correct exposure will not be obtained. In this case, a red warning mark by the stopped down coupling ever inside the camera body is visible. After removing the iens on the ower pair of the camera body, just below the mileon this





stopped-down coupling lever becomes visible as does the red mark in the case described above.

The FO larges mounted on the AS I should always be used with full aperture matering. Stopped-down matering will give the wrong exposure.



Manual Aperture Control

When accessories requiring manual aperture control are used between the camera hody and a lens lock the automatic aperture sever in the manual position before mounting the iens.

Lock for Manual Aperture Control (1)
For manual operture control, push the automatic aperture ever counterclockwise until 1 stops and picks. When accessor as such as extension lubes are attached to a tens that has been set for manual control the disphragm brades of the lens open or close as the aperture ring is turned. To reve if I am manual control reset the automatic operture lever in its original position.

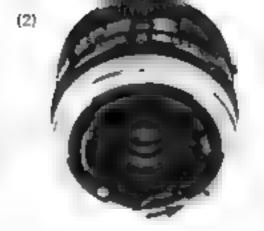
2 Lock for Manual Aperture Control (2)
There are some FD lenses with the manual lock lever requiring a different procedure for manual control setting. With these particular lenses the automatic aperture ever must be turned fully counterclockwise while the manual lock ever is brought to the 1 position. Once this has been done when the

lens is mounted on the namera, the diaphragminades will open or close by burning the aperture ring. To revert from manual aperture control reset the manual lock lever at the position of the white dot

3 Lock for Manual Aperture Control When Using the Macrophoto Coupler (3)

In close-up photography of high magnification with a lens reversed on the Macrophoto. Coupler, the eutomatic disphilagm mechanism is not coupled. You must, therefore remember to close down the disphragm manually after having ocked the automatic aperture lever in the manual position as explained above in 11, and 2). Then, for the Macrophoto Hood on the tens mount by turning the bayonet ling.

When you are taking stopped-down meter thadings, the menual aperture control "M" signal above the aperture scale enode the viewfinder flashes on and o'N only when the shutter release button is depressed heliogy.







Changing the Lens

FD tenses incorporate a safety mechanism to prevent the bayonet ring and the diaphragm blades from moving when the lens is not mounted on the camera. To bypess this selety mechanism, press the took pin in the top recess of the bayonet mount while turning the bayonet ing. Once this selety mechanism has thus been cancelled, you can see the chaphragm blades move when act vated.

Since FD lances here ugnet pint and fevers which couple with the camera body special care must be taken not to damage them. One bear precaution is to always put the lanc slown facing down whenever you must change lenses.

The following inter-cannot be used with the built in mater because the extended lear part of the iens will push in the lens speed adjustment pin on the camera body.

FL 19mm 1/3.5 R 35mm 1/2.5 FL 35mm 1/2.5 R 50mm 1/1.8 R 100mm 1/2

FL 58mm f/1 2

These enses should only be mounted on the camera after the film has been advanced.

Lens Signal Coupling

Aperture Signal Lever

This lever transmits the action tiskup to the oxposure meter in a complex the aperture ring.

Full Aperture Signal Pin

The partners is a agent indicating the max num oper are of the lens.

Automatic Aperture Lever

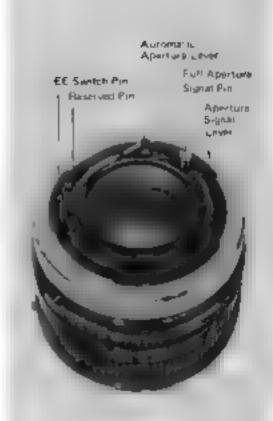
This layer closes down the apera so adipter with the copplet down papt of level.

EE Switch Pin

This property idea when the agent is a specified logis luckers at the IA mark or his position gastronia signal for At photography.

Reserved Pin

This next is designed on use with accessories that may be developed within fatore





Film Plane Indicator

This mark is engraved on the top of the camera between the film rewind crank and the bettery check button just to the left of the pentaphism to indicate the exact position of the him plane. The distance scale on the tens shows subject distances measured from the film plane indicator. This mark is not used in general photography, but in close-ups and macrophotography but in close-ups and macrophotography it is often used to obtain the exact subject distance.

Scales on the Lens Aperture Scale

The aperture of the iens is the opening of the diaphragm blades like the iris of the human eye. It controls the amount of light passing through the iens to the farm surface.

The finumber is a numerical expression of the effective aperture. It is obtained by dividing the focal length of the tens by the diameter of the effective aperture. When the finumber is set one scale gradation higher the tens allows in his tithe light it would at the previous gradation intermediate settings of the aperture scale can be used too in some tenses, the finumber setting one gradation higher than the first finumber setting one gradation higher than the first finumber setting one gradation necessarily allow only half the amount of light of the previous setting through the lens to expose the firm as is the case at the other settings. This should be taken into consideration when necessary.

The aperture ring usually has gradations marked as follows, taking f/2 as a basic unit.

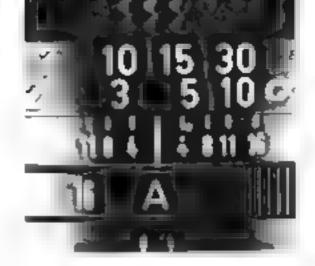
Distance Scale

The distance scale is for distances measured from the him plane. This scale is not generally used except for confirming the depth-of-field, performing guide number calculations in this photography or photographing with inferred film.

Read one-cigit distances in the middle of the number marked on the scale. Two digit distances should be read at the point in the middle of the two digits.

Depth-of-Field Scale

You can determine the depth-of lield by checking the depth-of lield scale and the distance tosts on the lens berret. Both are closely interceleted.



Infrared Index Mark

The red dot infrared index mark englaved on the tens barrel is a focusing correction index mark for infrared tilm. Because infrared light rays have longer wavelengths, they focus on a plane slightly behind that of ordinary visible light rays. Therefore it is necessary to slightly modify the normal method of focusing the tens. After focusing the same as usual, note the tiny red dot engraved on the tens barrel just to the right of the distance index and turn the focusing ring slightly to align the

focused distance with this red dot.

For instance normally, when the focus is adjusted at 5m on the distance scale, you turn the focusing ring slightly so that the 5 on the distance scale matches the red dot infrared index mark.

When photographing with infrared black and white firm visible light rays must be kept out by means of a deep red fitter (R*) over the first The position of the infrared index mark is fixed for infrared firm most sensitive to the 800mg wavelength and use of a red filter. For example, the Kodak Film (R-IJS and the Wresten Filter 87)

Plane follow the directions of the specific instructions of the film manufacturer when performing infrared color photography.

Accessories, Care of the Camera, Maintenance and Miscellanea



switches over to function as an AE camera even when the 155A is mounted on it

Flash Photography with the AE 1 Flash Synchronization X Synchronization Speed (1 60 sec.)

When the AE I is used with the Canon Speed to 155A, the shutter speed is automatically adjusted to the X synchronization speed at the time the pilot amplights up.

2 Firsh Terminal The AE? offers a chaice of two kinds of fieth terminals one is a



directly coupled contact of the hot shoe type and the other is of the B type terminal as determined by Japanese industrial Standards (JIS), for use with flash units with a cord When both flash terminals are used, two flash units can be fired simultaneously.

3. Flash Synchronization Range



to the task with

4. When the AE 1 is used with a Bash unit other than the Cenon Speedite 155A, be sure to set the shutter speed at 1/50 sec and the aperture manually to the f/stop prescribed for automatic flash photography or to a proper f/stop as indicated by guide number call culation.

Canon Power Winder A.

The Capon Power Winder A is an automatic film winder which makes the functions of automatic photography of the Canon A& I outstandingly effective it can be attached to any Canon AE 3 directly, without any other accessory or attachment When you attach the Power Winder A to the Canon AE I and press the shutter button, the firm will be uninediately wound after being exposed Furthermore with the Power Winder A you Can catch subjects movements and changing expressions because you are able to take continuous or single frame photography at Your pleasure. When you perform continuous photography the Power Winder A couples with shufter speed from 1/60 to 1 1000 Moonds While, in single frame photography. any shutter speed can be used.

The Canon AE is a very compect tightweight camera whose mun functions aspond to the electronic circuitry built into the camera body. It is possible to photograph just the same as in general photograph even when the Canon Power Winder A is attached.







Data Back A

This is an interchangeable back cover with a built-in data imprinting mechanism. It can imprint the day month and year on the lower light hand corner of the photograph at the moment of the shutter's release as well as other data to identify or class by the pictures you take it has letters and Roman numerals for greater versionally and convenience.

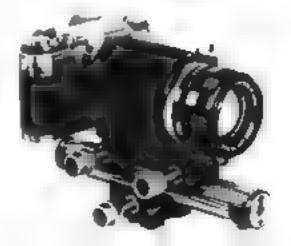
Canon Ballows FL

This is an adjustable belows for high magnification photography. Magnification is utijusted within the range of about 0.7 to 3 times the size of the subject when the bellows 1 like in combination is the standard lens.

The built in semi-automatic aperture mechanism automatically closes the hiphragm at the time of shooting and makes the Bellows FL almost as easy to use as a fully automatic iens. Focusing a performed with a bright field of view. The bellows has a built-in since to prevent blur. The Stide Duplicator FL for duplicating stides can be attached to the end of the Bellows.

The use of a macro ensisted corrected for close-up photography is particularly recommended for photography with the bellows





Accessories

Angle Filders A2 and 8

- 2 Eyecup 4S
- 3 Magi nur S.
- 4 Lameia Holice F.3
- b Macrophote Couplin F. 55, 58
- 6 Lens Hood BS 55
- Michigher's Mood
- 8. Photomicro Jnit F
- Stop copposition
- 0 Handy Stand F
- Gedger Bag 4 type
- 2 Cadget Ball, in
- 3 George Remass 30
- 14 Call of Reference 50.
- 5 55mm filters 58mm filters
- 58mm Cause up Lenses 240, 450, 1800
 55mm Clustesup Lenses (240, 450)
- B. Copy Stand 4
- 9 Belt avs M
- 2G Bellows Fig.
- 21 Hilliam in Gelatin Firet with File Historical packet and Mindels





- 22 Extension Tube M Set
- 23 Diophine Adjustment Lenses for Evesigh Compensation 10 kinds
- 24 Speno te 155A
- 25 Power Winder A
- 26 Date Back A

Characteristics

The Canon AF 1 represents a landmark in the history of SuR (Single Lens Reliex cameras

Up to now electronic control in ScR cameras was mileo for example to the mechanism that recover exposure but the AET is the first camera in the world in incorporate a CPU (Central Processing Units by means of which automatic exposure memory transmission of signals display regulation of time and complittion signal are all atectronically controlled. It is an entirely new hind of SuR camera.

A high degree of automation has not been restigated only to the camera. It is ends to the versions accessories with the same standard of precision.

The AE 1 is the introduced to offer a 10 at y automated electronic photographic system. It takes its name. AE 1 from this concept.

Application of Electronics is the Cornerstone of the Entire Design

Automation in the AE was made possible by the application of the latest electronic technology afte a thick right analysis of all mechanisms and their operation. The important mechanical features made way for the electric order this camera's changing the very essence of the camera's flexion.

As a result a miniature compute. (CP J was successfully incorporated in the AE 1 for the List time in the world to compute judge control, display, and regulate required in formation.

Adoption of the Most Advanced Electronic Technology

The 1 contegrated this tion Logics is tax as its applications in photography are conserved is the mint oxistanding achievement in electronics up to date A. 15t digit at Cricuit with currently high properties of accumulation an operational amplifier a circuit with full use of an analog switch, a hyperbolic function resistance using noth thick and then film technology an analog-digital convertor and the proper interfaces together with their construction and all angement in modular form represent technological breakthroughs that go well beyond the

concept of a camera as we have known before.

Exceptional Reliability through Application of Electronics

The Carron AE 1 since it employs computer technology and is overall design is based on electronics opens the doors to a new age in the camera would.

in order to make an interrelated whole our of all the inner mechanisms and to automatize the ossembly process each and every part must be built with a very high digner of precision. And Carlon extensively used computers to automate the design of the modules as well as the assembly manufacturing and finishing processes within the stript accuracy requirements the AE 1 called for

Morlular construction at the Canon to choroughly check each function and to accelerate production with the best quality control. Furthermore computers were used not only in the design but also in the manufacturing, assembling and quality control to insure that the outcome would be a uniform quality product.

By new production methods and the adoption of highly advanced packaging techniques in the manufacture of electronic cardurary, the vital pairs were completely sealed to knep our dust and humidity and reduce the effects of temperature.

Weather Proofing

The IC and resistance circuits were built at units. Not only was the wring streamined to increase efficiency but also the new modular joints and all their mail parts were completely sealed to obtain the list postoke weather proofing.

Shutter Priority System to Let No Chance Go By

This camera all omatically decides the correct diaphragm opening of the lens you are using according to the light the subject it reflecting, once the shufter speed has been proviously set. This is he meaning of shufter speed priority. The structure of all FD lenses allows the AE 1 in couple with the functions of the shuffer speed priority. Therefore as you compose the pictite you can freely choose the shuffer speed that corresponds to the speed at which the subject is moving.

A Gentle Touch Activates the Shutter Button

This on que shorter button activites a complex of electronically controlled functions.

As opposed to the conventional mechanical systems it serves as a switch to turn the electric circly in in off and operates magnetically in order to make the shurter release extremity fast and smooth.

Immediate Response Metering for Any Situation

Fiore light metering to exposure setting all functions are electronically controlled With this astounding, revolutionary system at the very instant the shutter butter is present the electronic main CPU interediately computes the photographic information and produces the operating command. In EV I lighting conditions light metering takes but only 0.04 sec.

There is no need to worry about inaccuracies in metering and exposure timing. No matter how suddenly the chance to shoot avails itself to you, a genue pressure on the shutter button which the trick

Sificon Photocell and Logarithmic Amplifier In a Single IC

The silicon photocell is well known for its outstanding photosens tive characteristics

The AE I has a logar throic sinplifier and a special immediate response circuit integrated into a single IC in order to obtain the speediest responsiveness while at the same time ensuring remarkable overall durability.

Power-Saving Circuit

The main parts were designed so as to recome the minimum of energy while a sequential command controls energy cut off and supply. Thus, there is no unbecessary battery consumption.

A battery lasts the equivalent of 20,000 shutter releases it continuous photography or one year under normal use

Compact Lightweight Design for Great Handling Ease

Body dimensions have been reduced to a minimum and the lightweight structure with a special frigor grip and rounded back contours allows you to be right with the faster. across by villue of its truly great handling wash

Automatic Film Winding with the Canon Power winder A

The Power Winder A extremely easy to adach, enables the At I to photograph continuously at up to 2 frames per second. This feature is enhanced by the fact that actual handling of the AE I is very much the same with or without this accessory attached.

Canon Speedlite 155A, the World's First AE Computer Flesh

When the Speedlite 155A is used with the AE 1. flash photography can be performed with the aperture ring set at the IA mark for automatic exposure. When the pirot lamp lights to indicate the proper charging level has been reached, the shutter speed is auto-

matically set and the aperture automatically determined. After the flash, the camera neturns to its original AF set ing.

Using the Sharp FD and Special Lenses

FD venses are the outcome of the application of the latest electionic technology in the field of option. Their image shall mess and calor reproduction always are unmatched Canon offers a full at ay at interchangeable tenses language from the alamin fishery in the 1200mic sugar relephoto totaling as many at 40 languages in ording the special purpose tenses. They we cell analy shallpen up your photography.

Data Imprinting Mechanism

The Data Back A when attached in place of the AE I back cover can directly imprime the date and other if ilmation on the negative at the very moment the picture is taken. This information is imprinted in the linear light hand corner of the picture and is most convenient for keeping I ack or the dates of your photographs or classifying them in general.



Care and Storage of the Camera

No matter how exceptional the camera may be, I will not give you all it can unless it is taken care of properly. Please make sure to keep the camera clean at the time. Acquire a blower brush cleaning riquic cleaning paper silicone cloth etc.

Core of the Camera

Dust on the ensign the view linder should first be blown off with a blower brush. Use tens tissue or a clean soft croth to remove tingerprints or unudges with a gentle circular motion. I necessary after breathing on the turface. It is best to wipe the surface with tens tissue imprednated with one or two drops of cleaning liquid. After the camera has been used on a beach or near the sea clean I well because ser can affect its mechanisms. A blower brush should also be used to clean the mirror box inside the camera body. If the mirror box should require wilping, by all means, please take the camera to a Canon authorized distributor.

The film compartment has to be cleaned with a blower because it sawly collects film dust lift the dust contains sand the film is easily scratched. When cleaning the rail

surface or the pressure place please use cleaning paper and cleaning liquid. Be careful not to touch the shurter currain when doing so

Maintenance

Keep the camera in a place with low flumidity and no dust. After removing the camera from the case take the battery but. When you are going to store the camera fol a long time without using it the shufte release busion must be activated now and then, to prevent mold and mechanical trouble.

Please avoid storing the camers in places such as mentioned below

- 1 Inode the trank or real window of a cir in the direct sun because the remperature cirrise to an extremely high degree and this may give rise to thouble in the came is
- 2 Places such as laboratories where chemicals are around may cause rust of corrosion.

To safeguard the durability of the contral please take it to the closest Canon authorized distributor once every thror years at least of the camera is not in use for a long time please use it only after distely checking each and every part of 1





Note: When taking off the top cover of the soft case, turn the top cover to the bottom then slide the cover straight up and pull it out of the hole as shown in the photo.

To guard against the inconvenience of loss, theft or other unforesean problems, fill in the form below to keep as a record of your camera for use in such circumstances.
Name of the Camera: Canon AE-1
Body Number:
Lens Number:

Namni:
Nulshmai:
Telephone Number:
Note:

When the camera is used in very cold conditions:

Battery performance is usually effected by temperatures below zero C. It is always excessive to use a new bettery for photography in such extreme cold. Moreover, an extra battery should be taken along and kept warm by placing it next to your body.

The battery may not function well at low temperatures but it may well work perfectly under normal conditions, so don't throw it away. to sudden changes of temperature from cold to foot, the viewfinder or the lens may get moist and fog. Therefore, the camera should be exposed to the temperature change gradually. The camera has to be kept in a clastic beg completely sealed and then taken out once it has been adjusted to the outside temperature little by little.

